

FIG.1

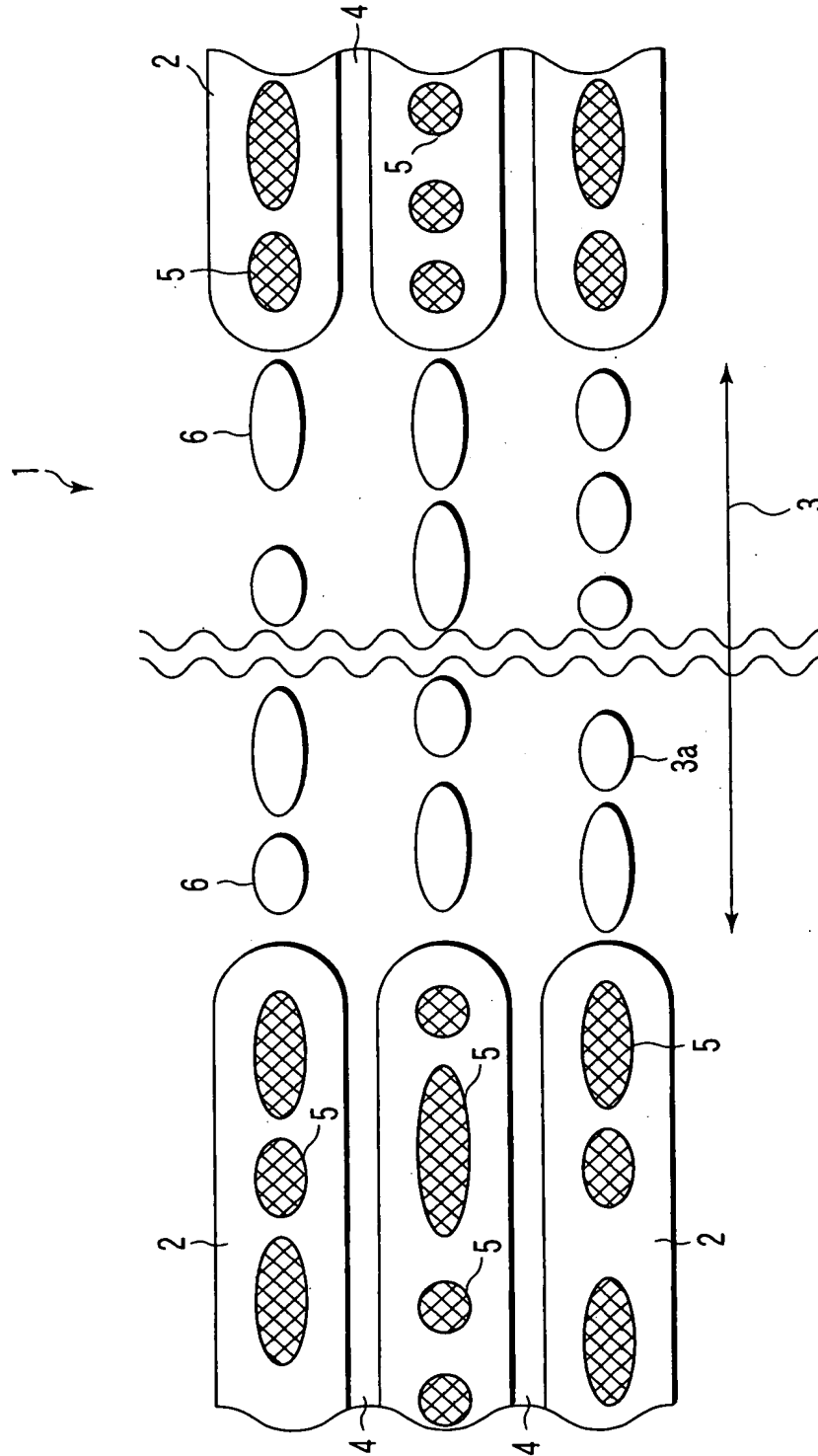


FIG. 2

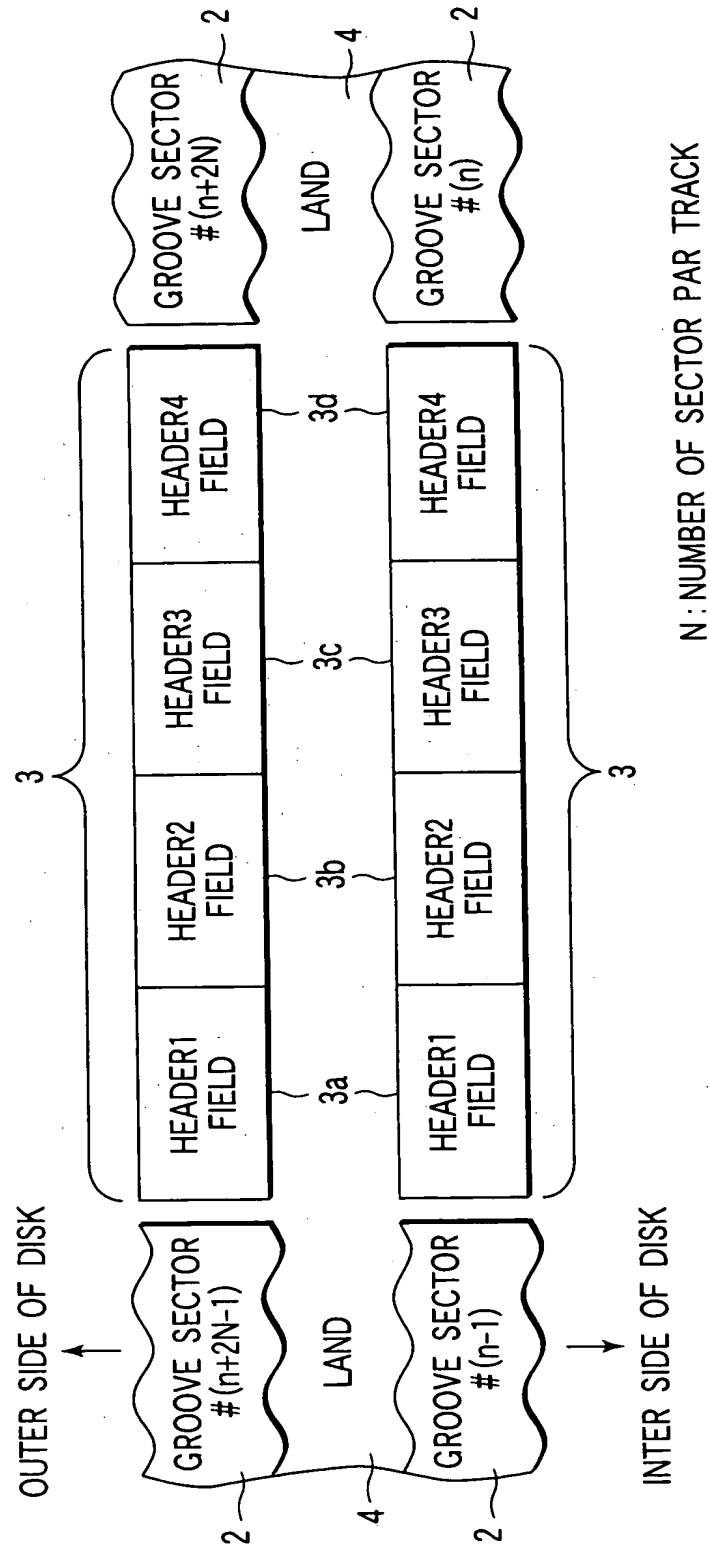
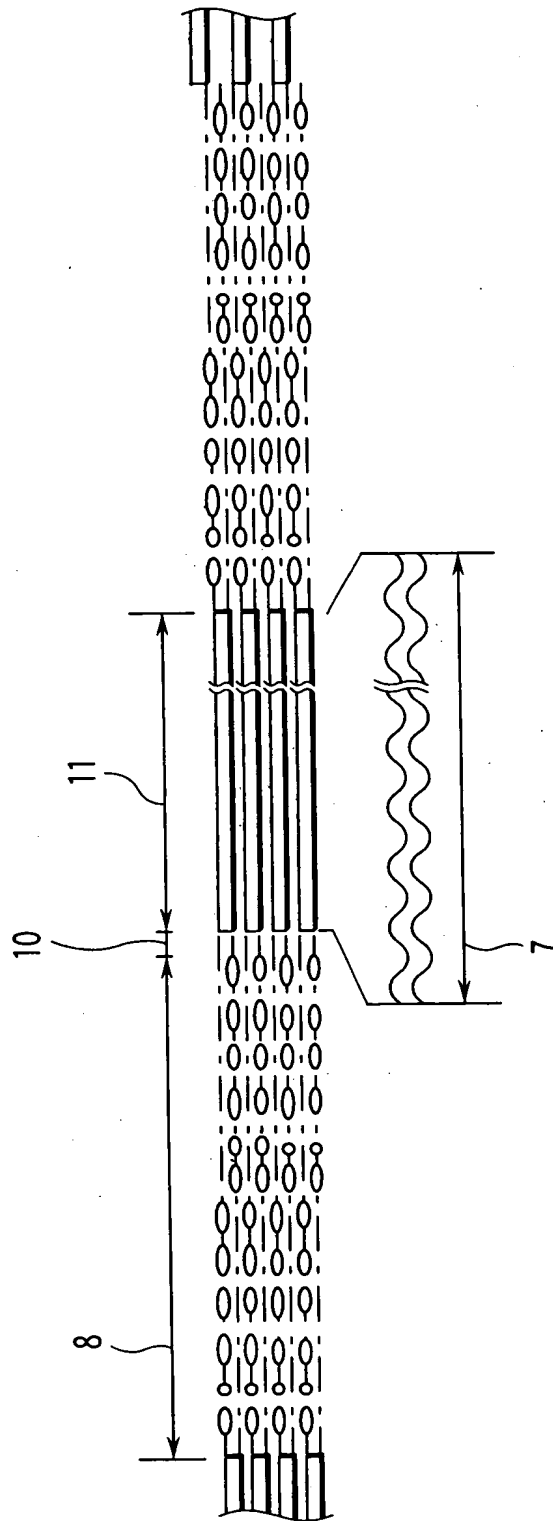


FIG. 3



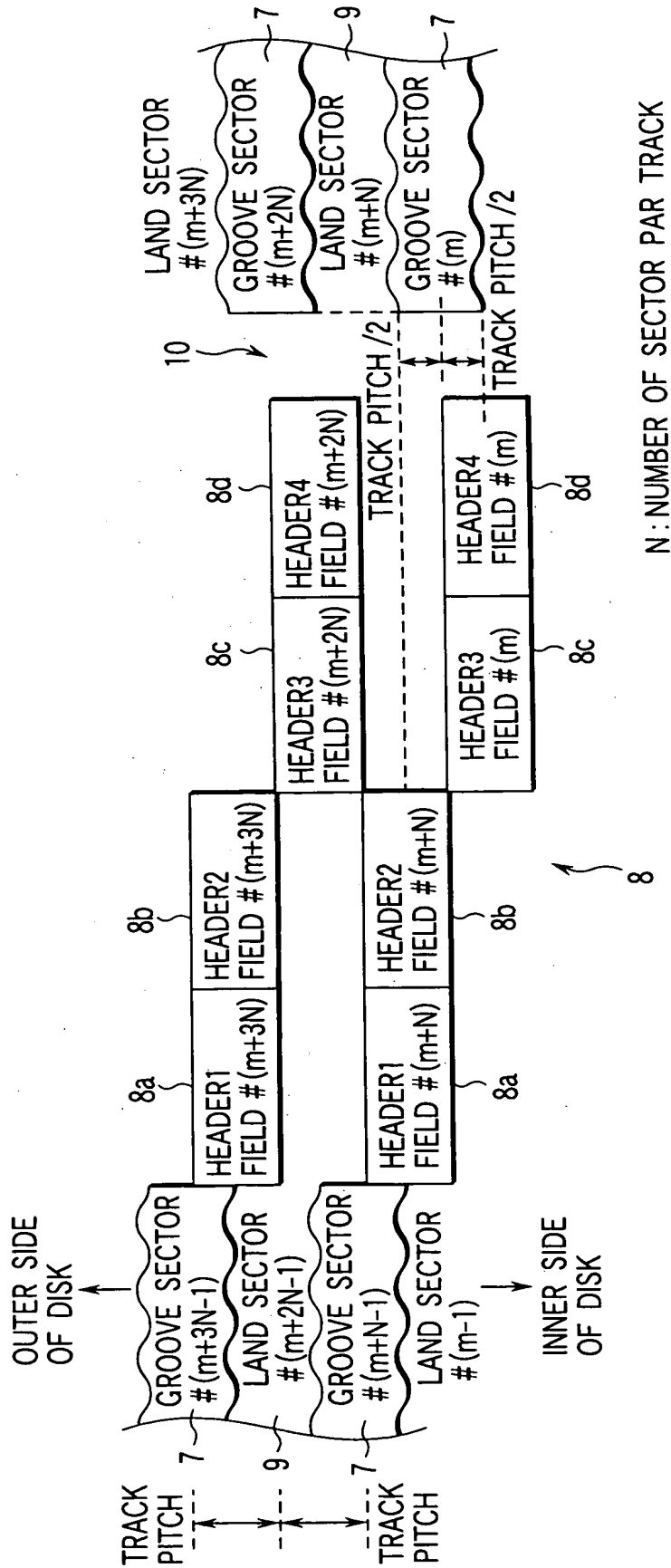


FIG.5

N: NUMBER OF SECTOR PAR TRACK

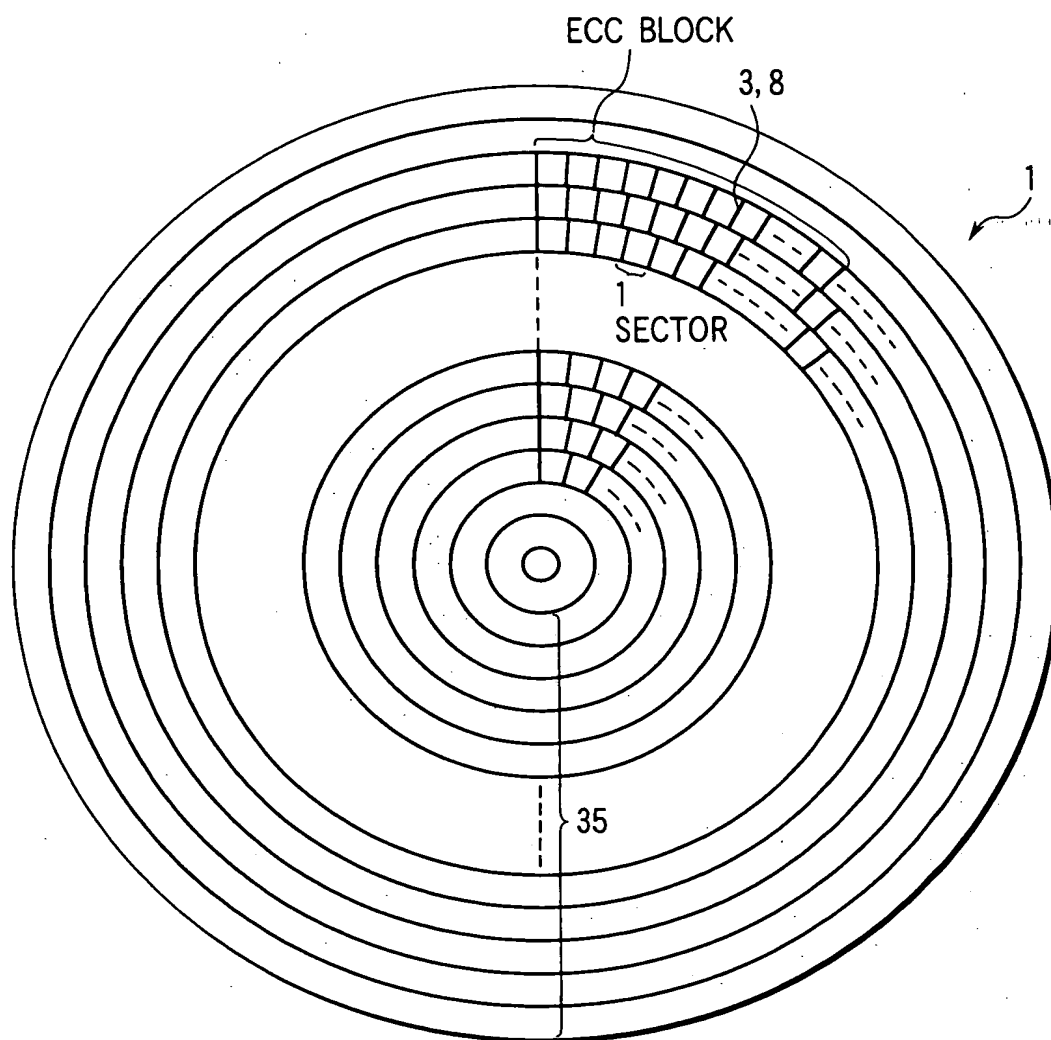


FIG. 7

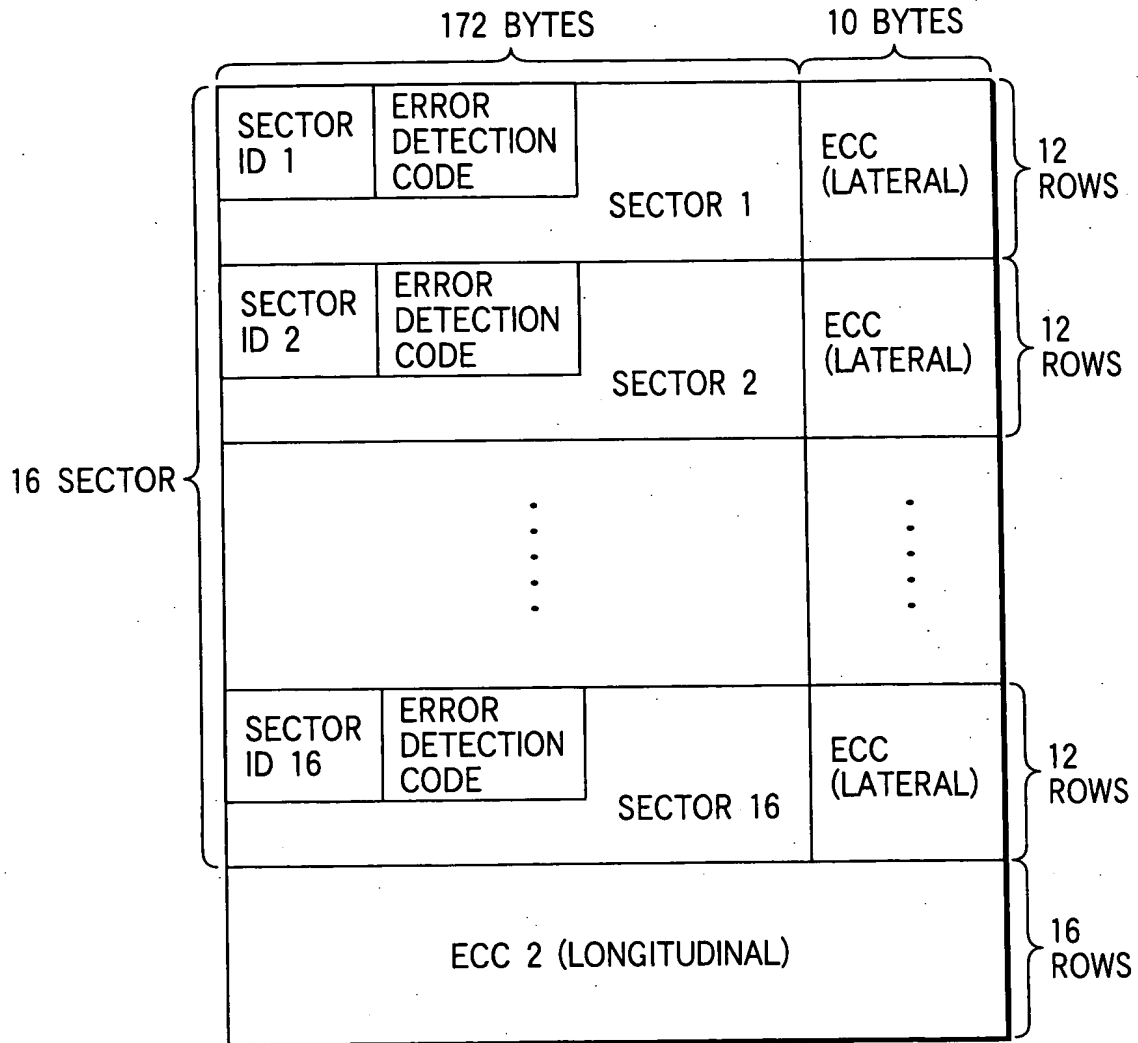


FIG. 8

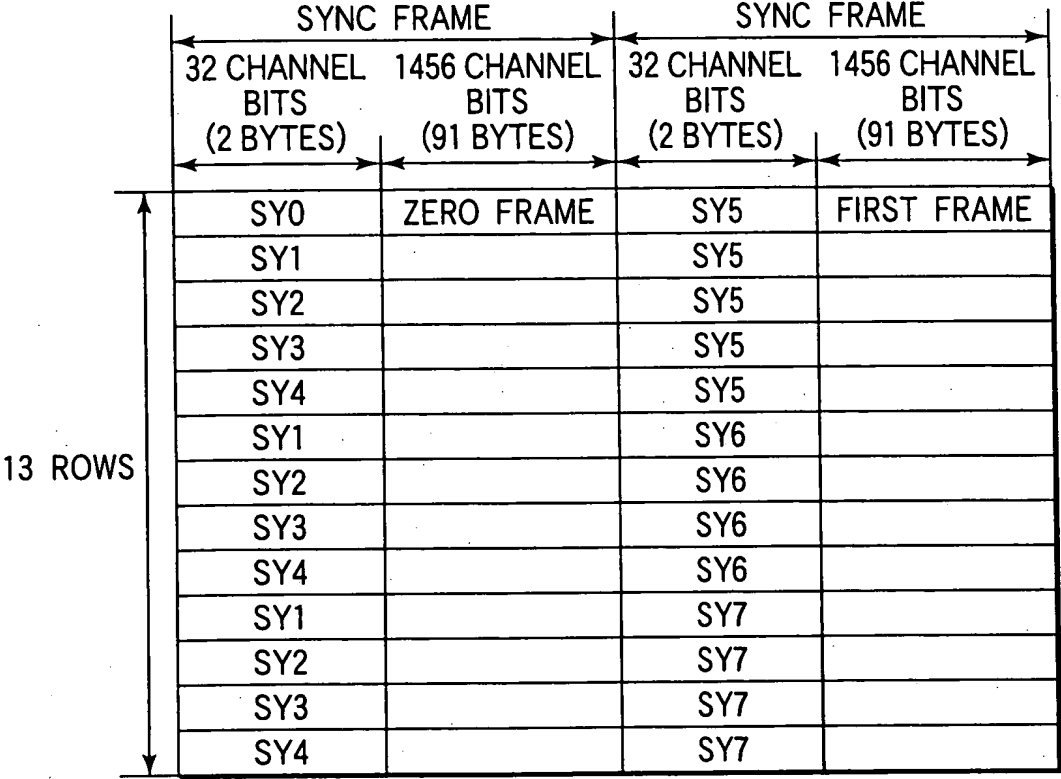


FIG. 9

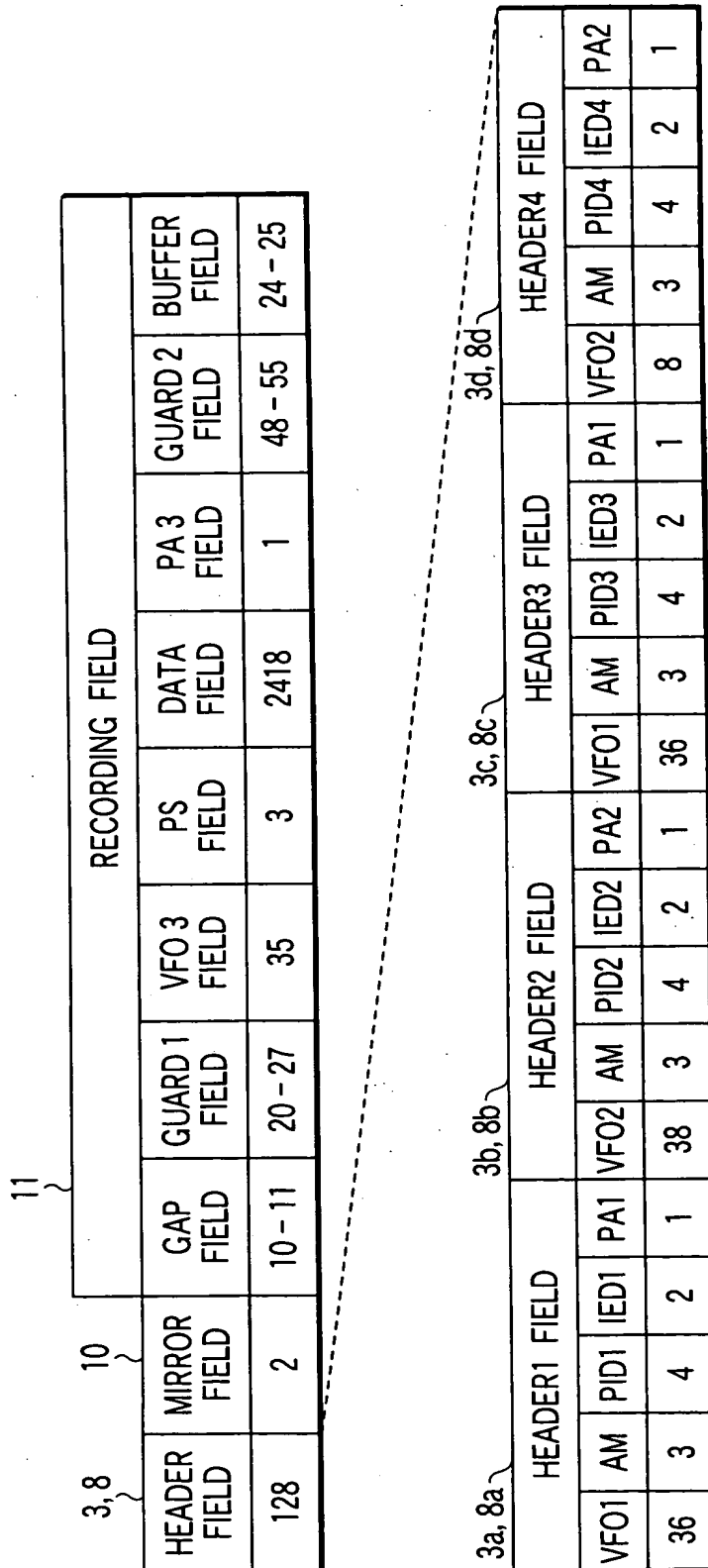


FIG.10

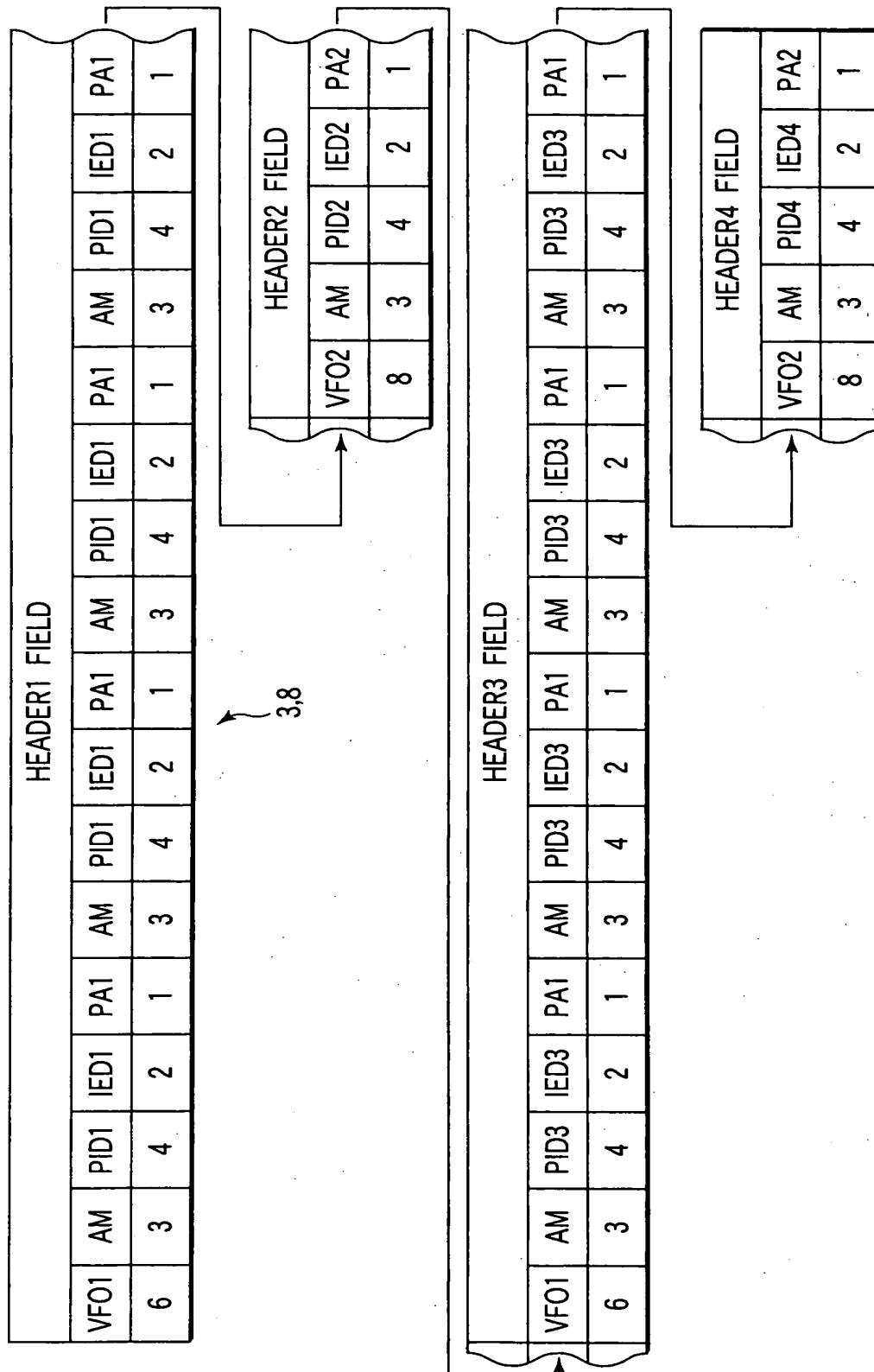


FIG.11

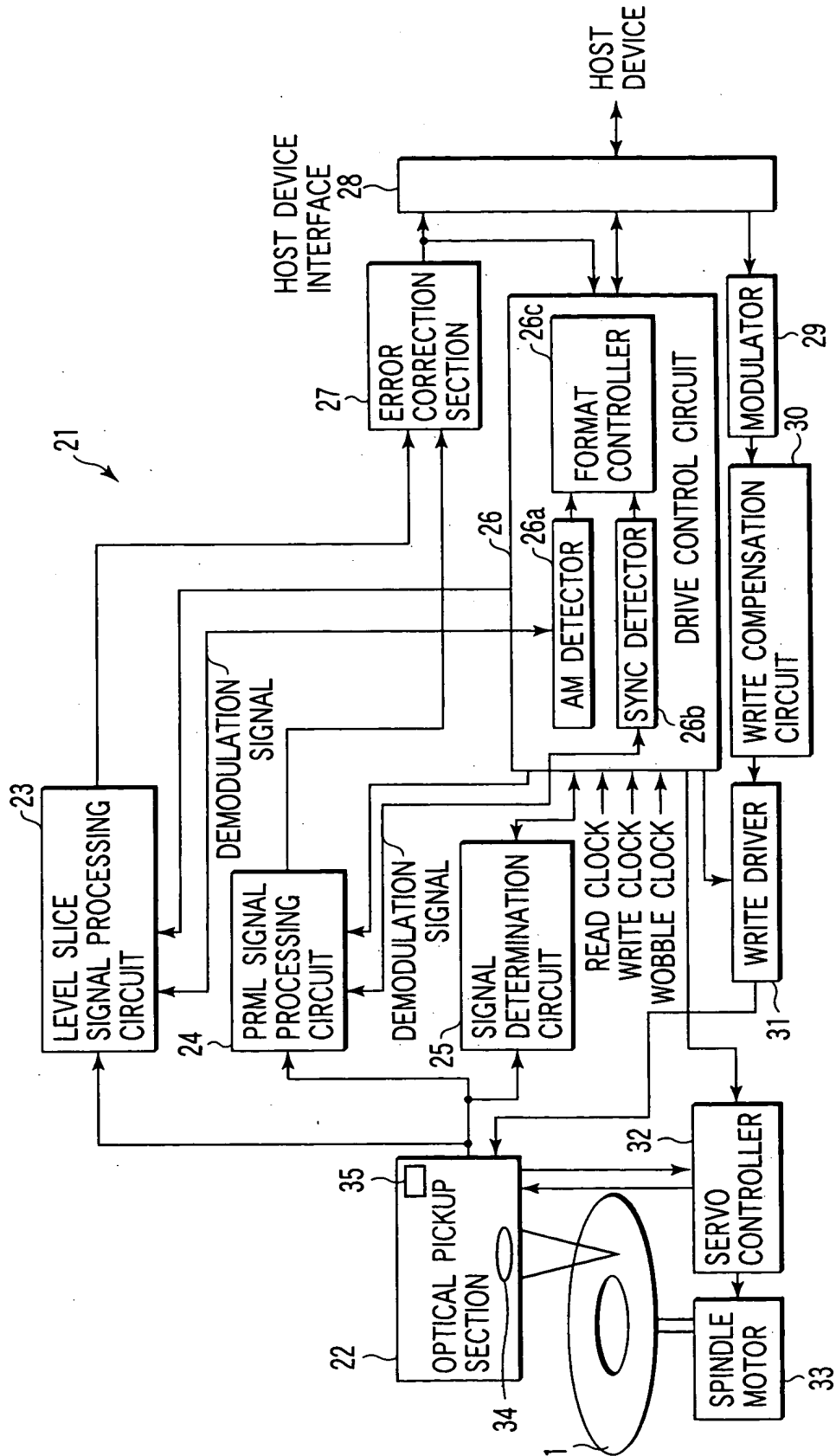


FIG. 12

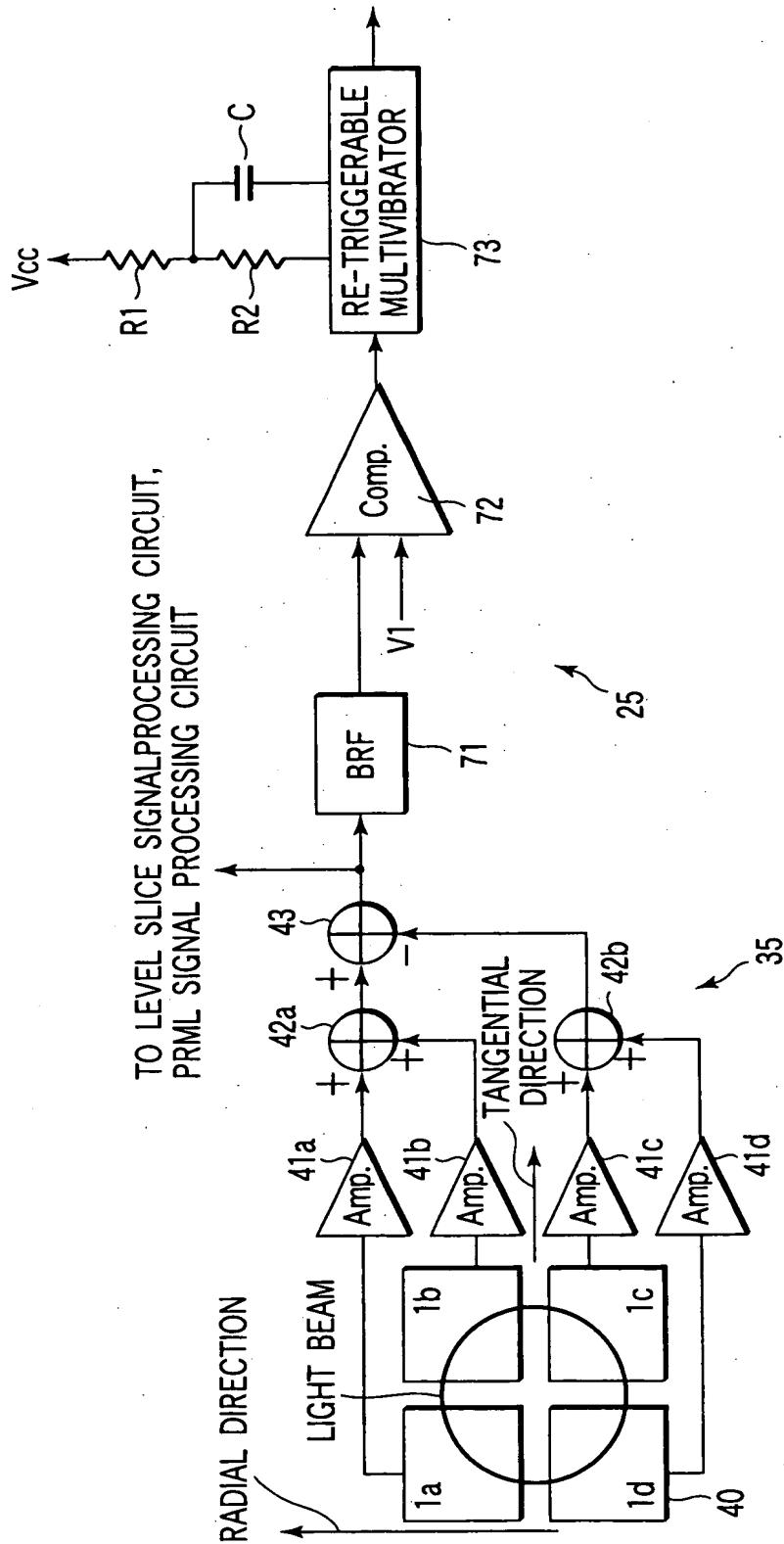


FIG. 13

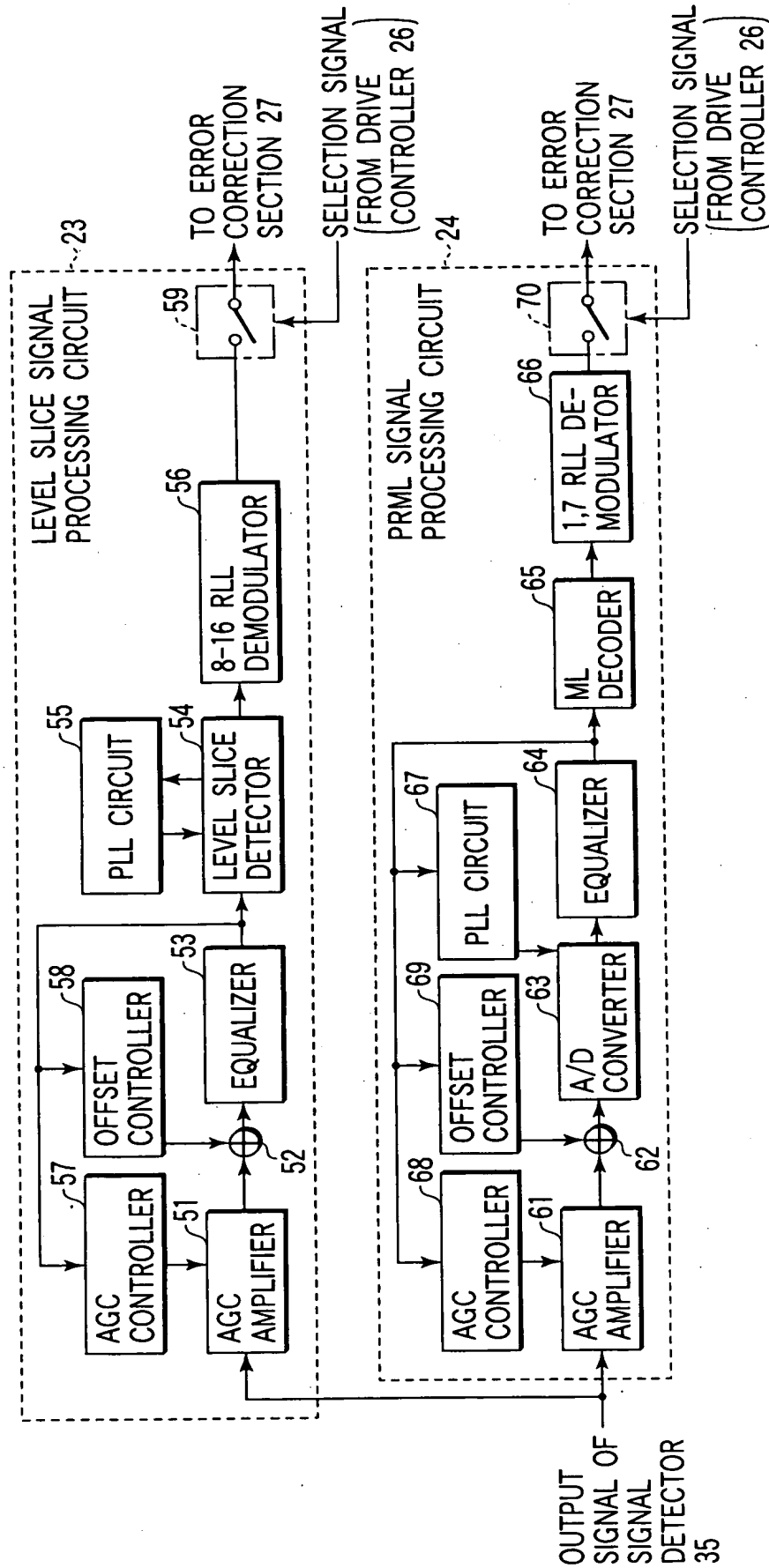


FIG. 14

FIG. 15A RECORDING DATA

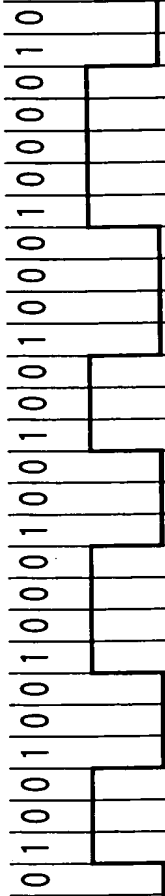


FIG. 15B RECORDING WAVEFORM

LIGHT BEAM



FIG. 15C PIT SERIES

FIG. 15D REPRODUCED WAVEFORM



FIG. 15E EQUALIZED WAVEFORM

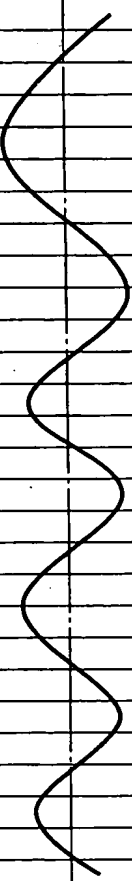
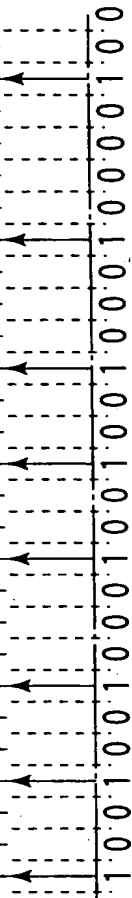


FIG. 15F BINARY DATA FOR DETECTION OF INTERSECTION



RECORDING DATA

FIG. 16A

RECORDING WAVEFORM

FIG. 16B

PIT SERIES

FIG. 16C

REPRODUCED
WAVEFORM

FIG. 16D

PR(1,1)
CHARACTERISTIC

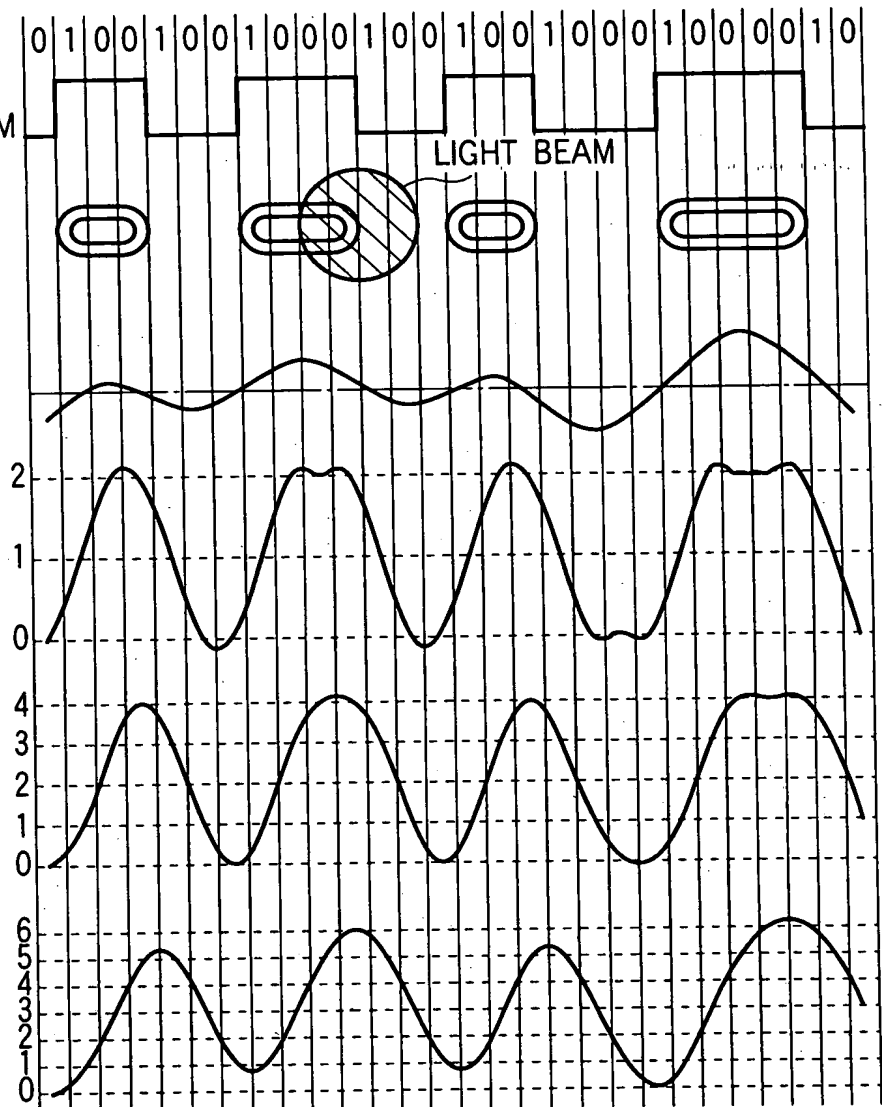
FIG. 16E

PR(1,2,1)
CHARACTERISTIC

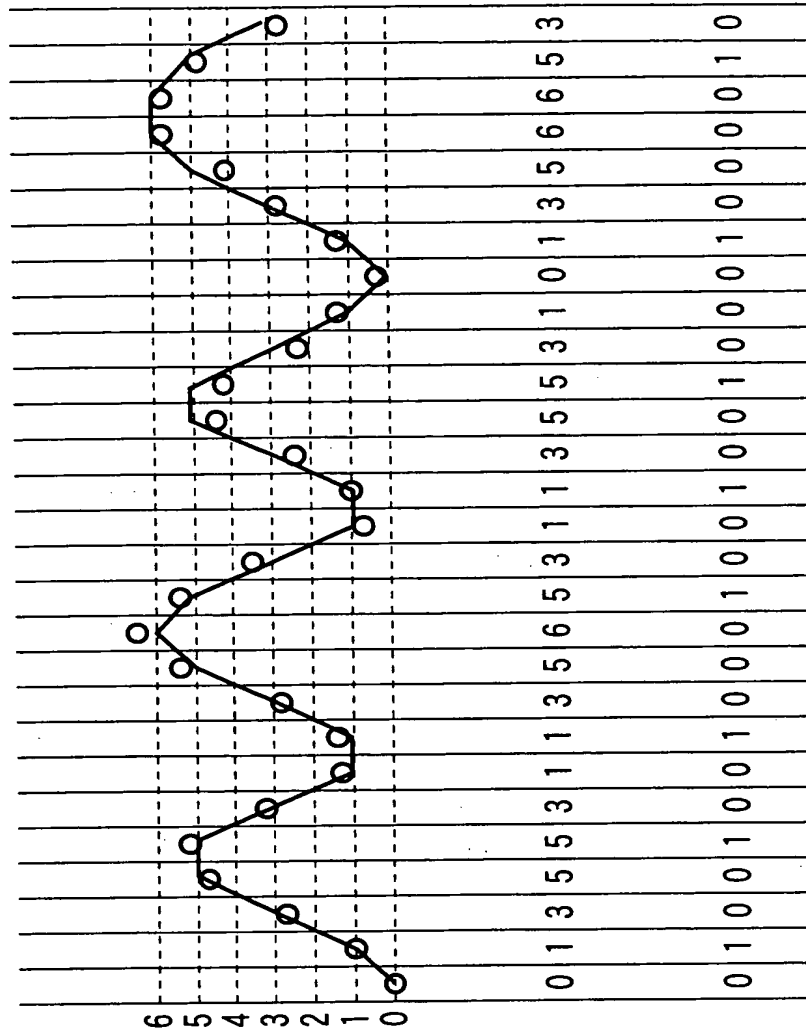
FIG. 16F

PR(1,2,2,1)
CHARACTERISTIC

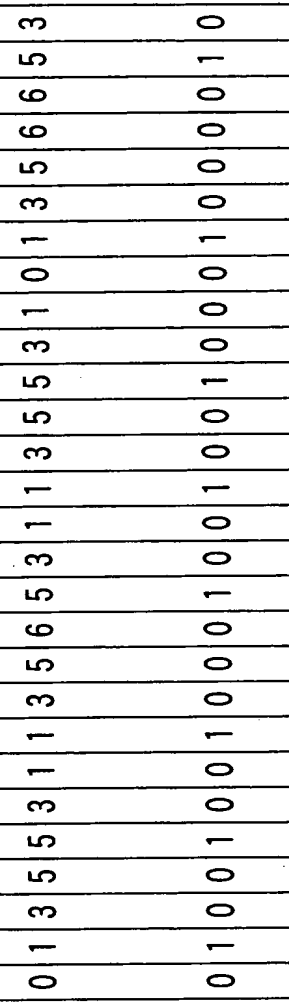
FIG. 16G



EQUALIZED SIGNAL
SAMPLE SERIES AND
SERIES SELECTED BY
VITERBI DECODER



SIGNAL LEVEL OF
SELECTED SERIES



DECODED DATA

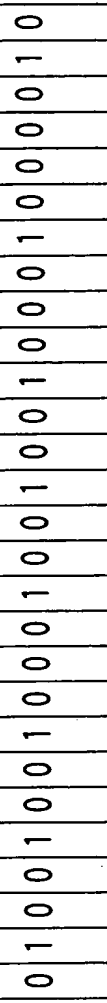


FIG. 18A OUTPUT
SIGNAL OF PF

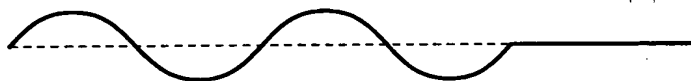


FIG. 18B

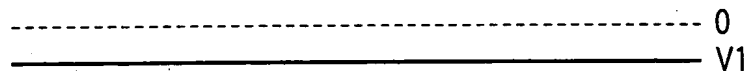


FIG. 18C OUTPUT
SIGNAL OF
COMPARATOR



FIG. 18D OUTPUT
SIGNAL OF
RE-
TRIGGERABLE
FF CIRCUIT



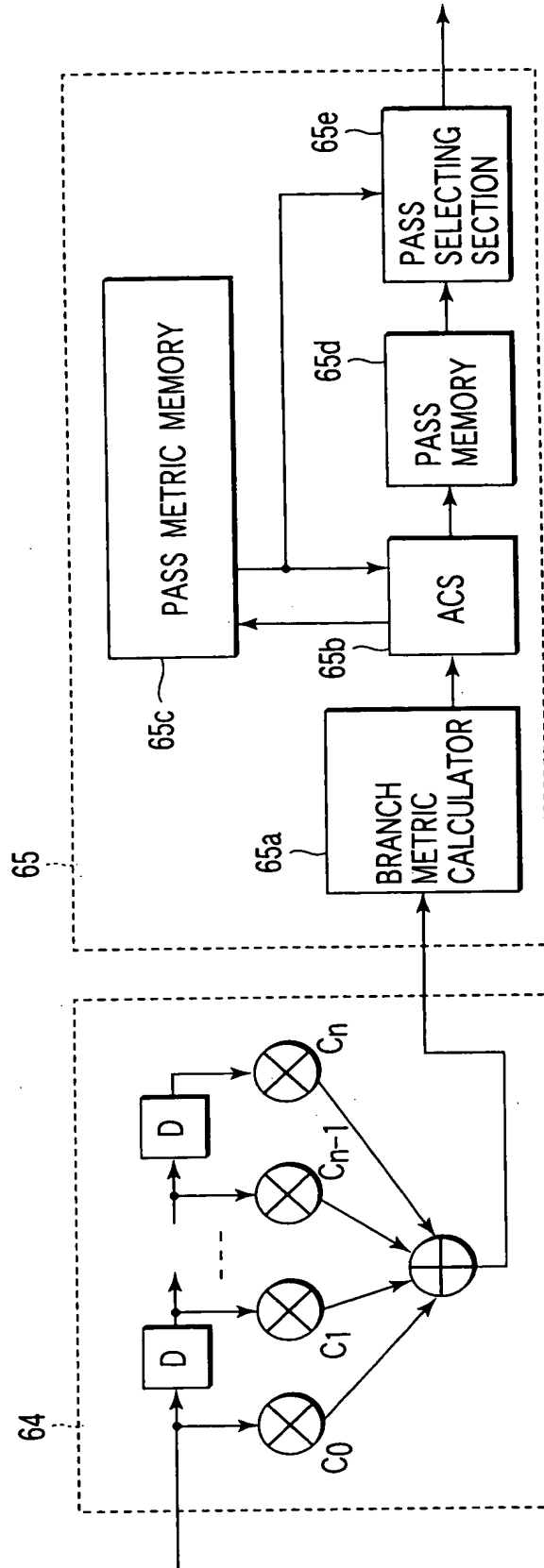


FIG. 19

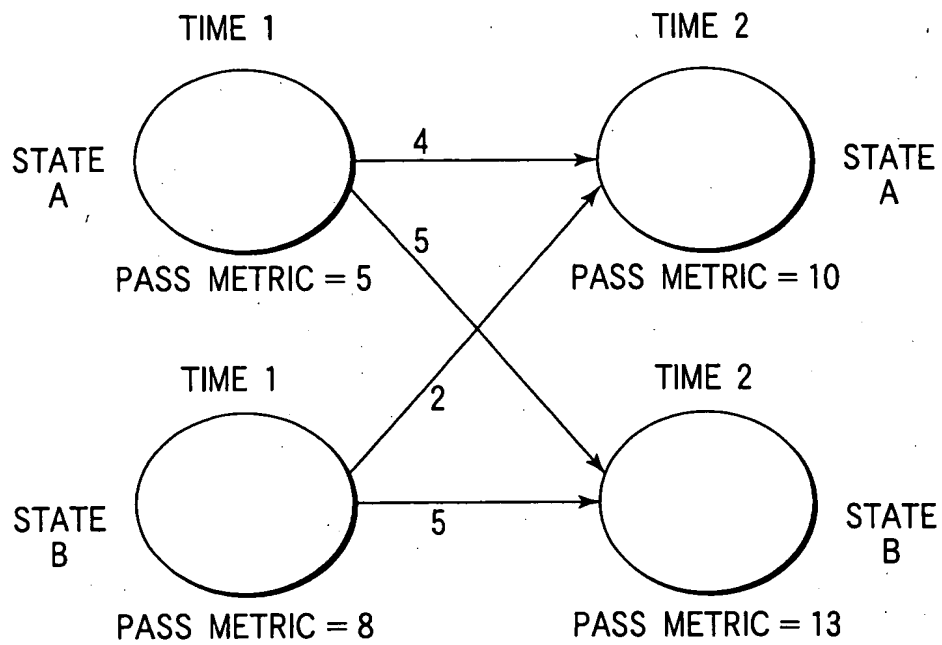
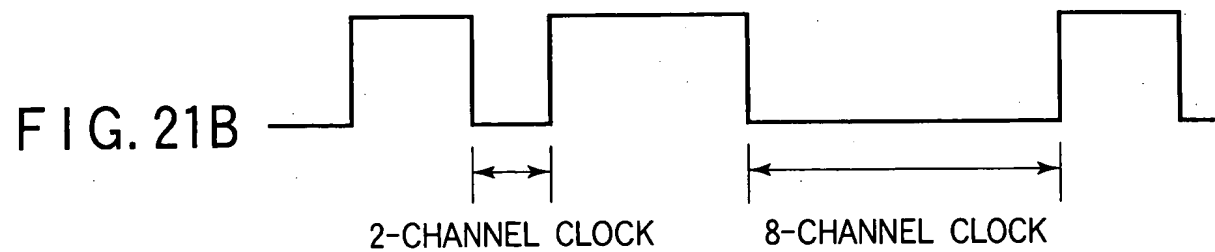
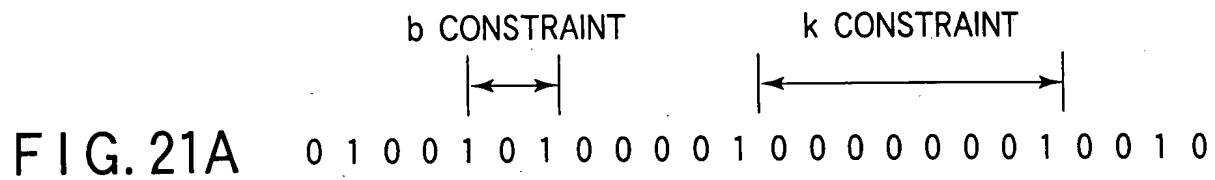
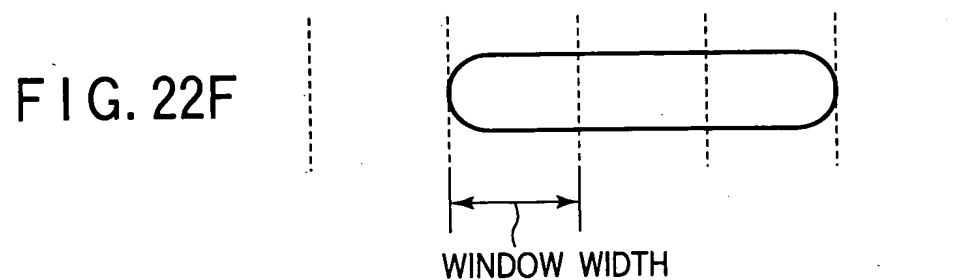
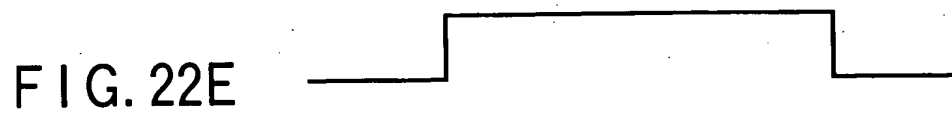
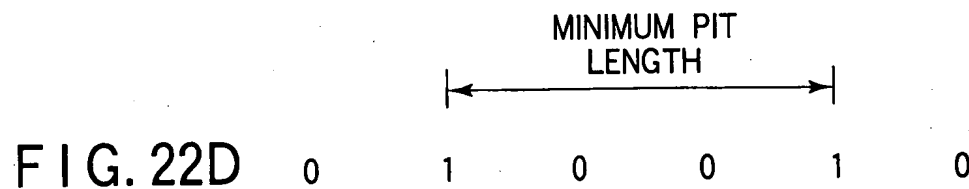
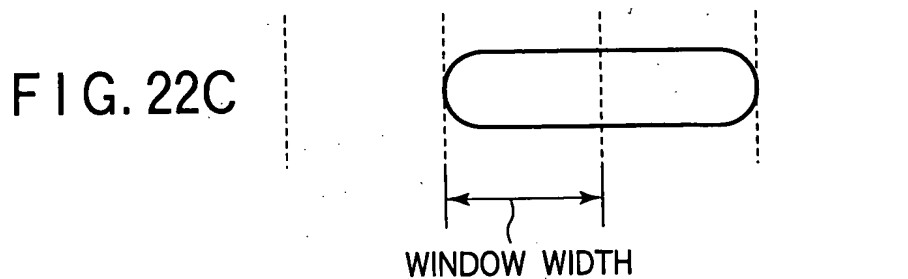
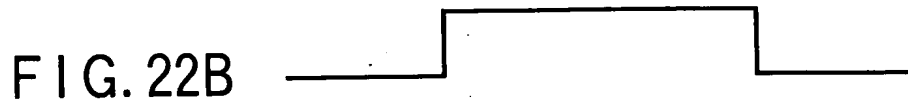
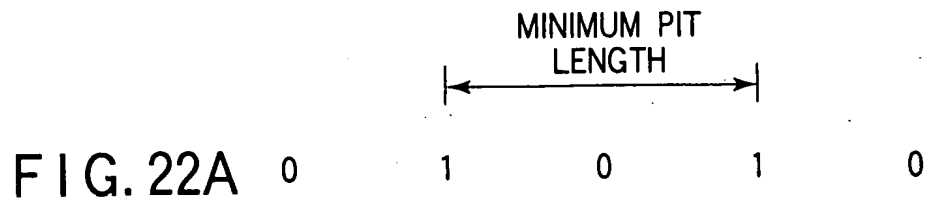


FIG. 20





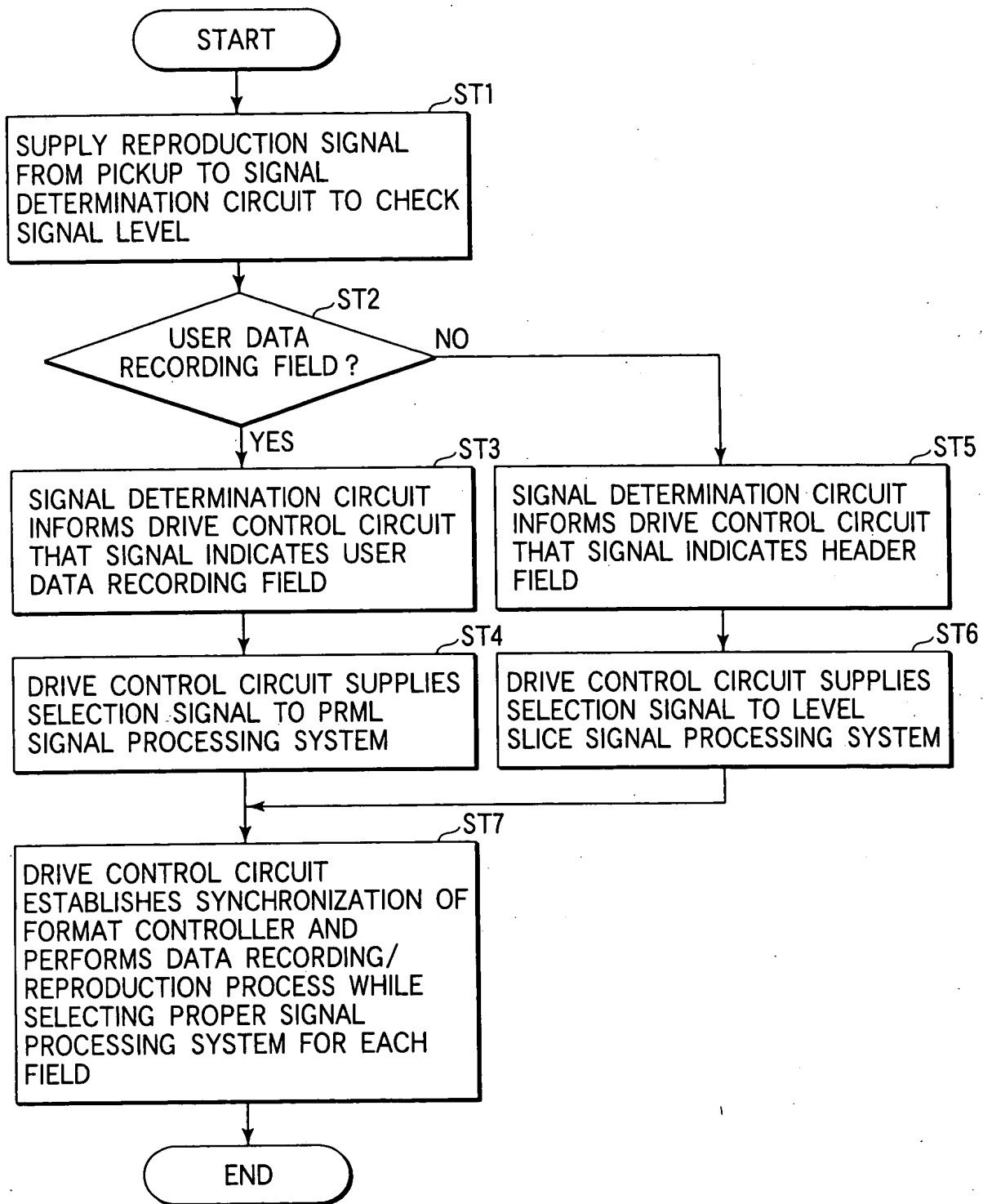


FIG. 23

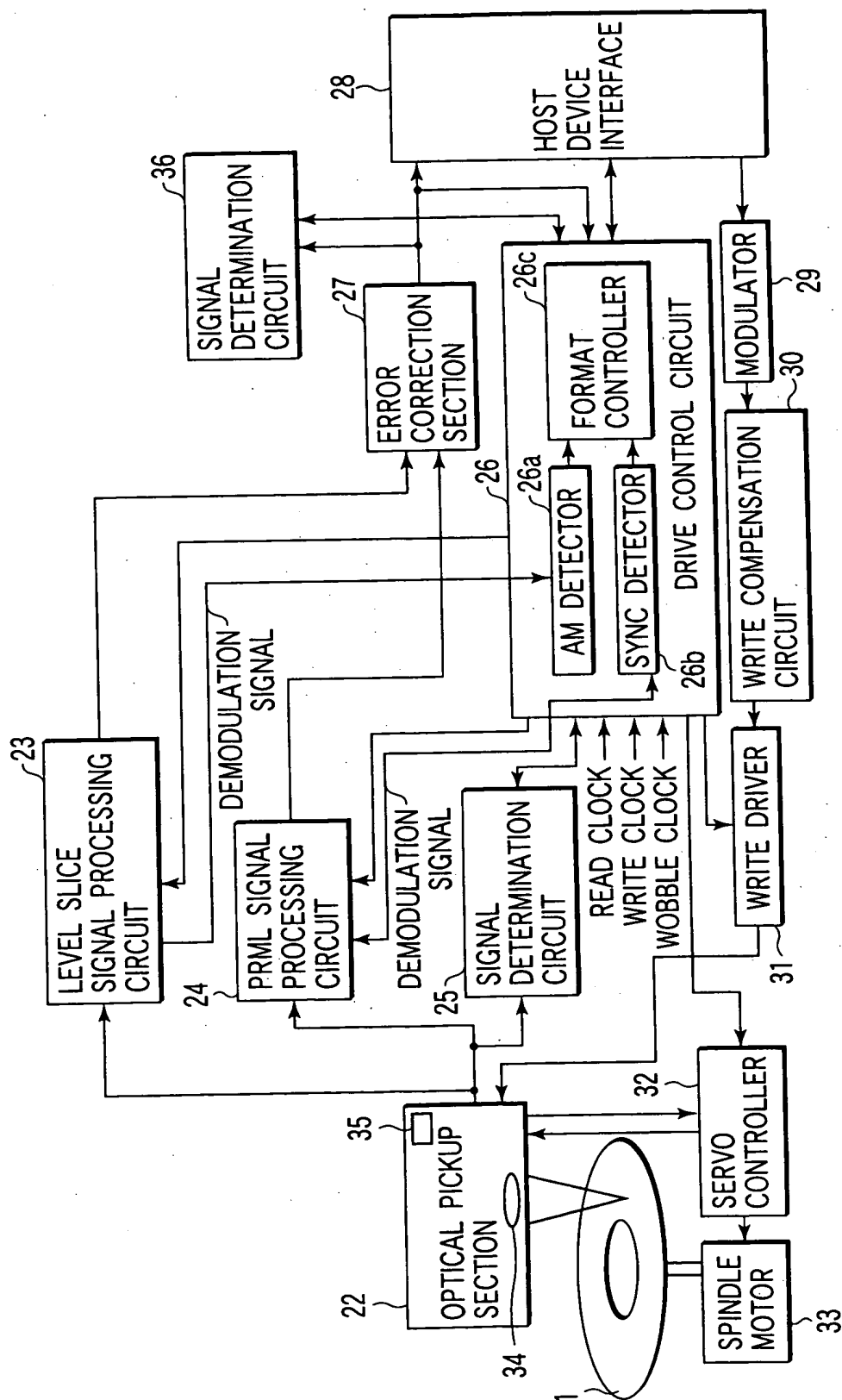


FIG. 24

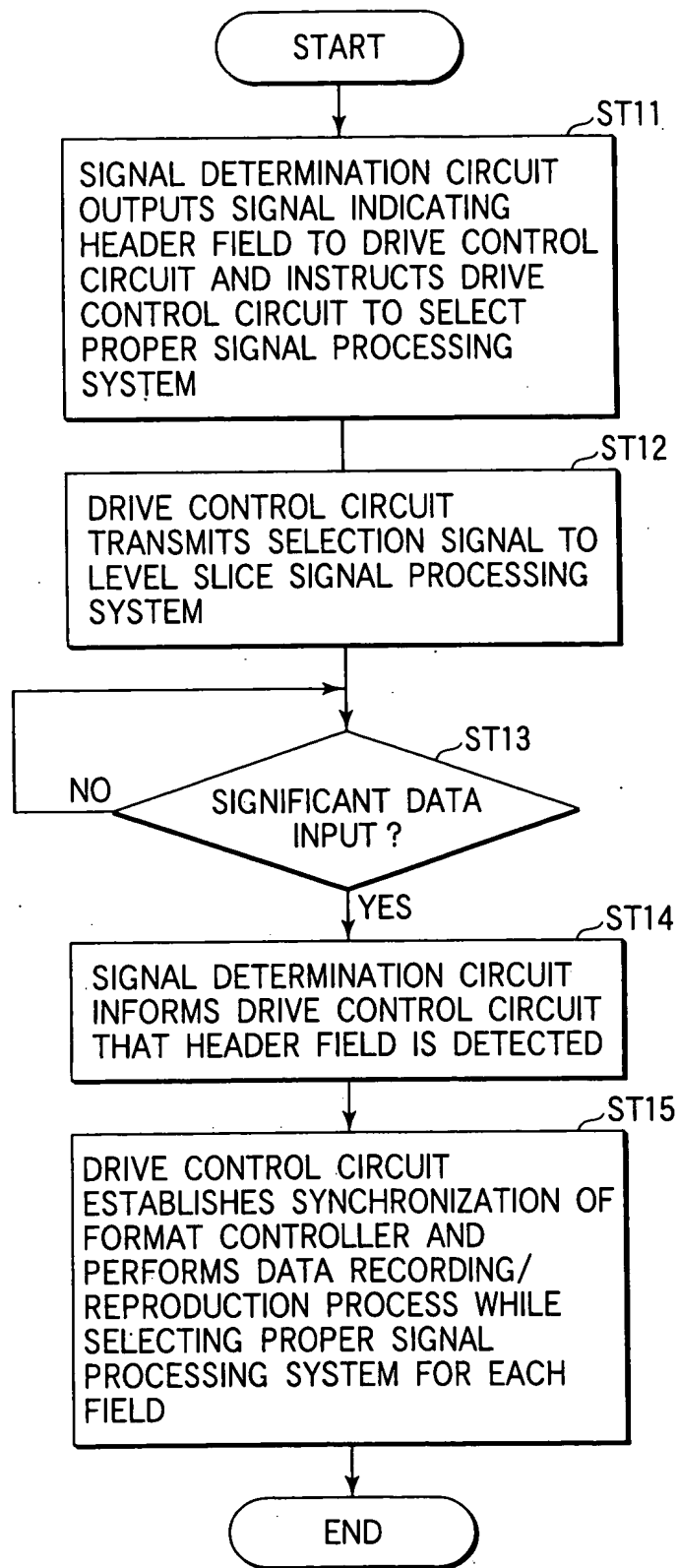


FIG. 25

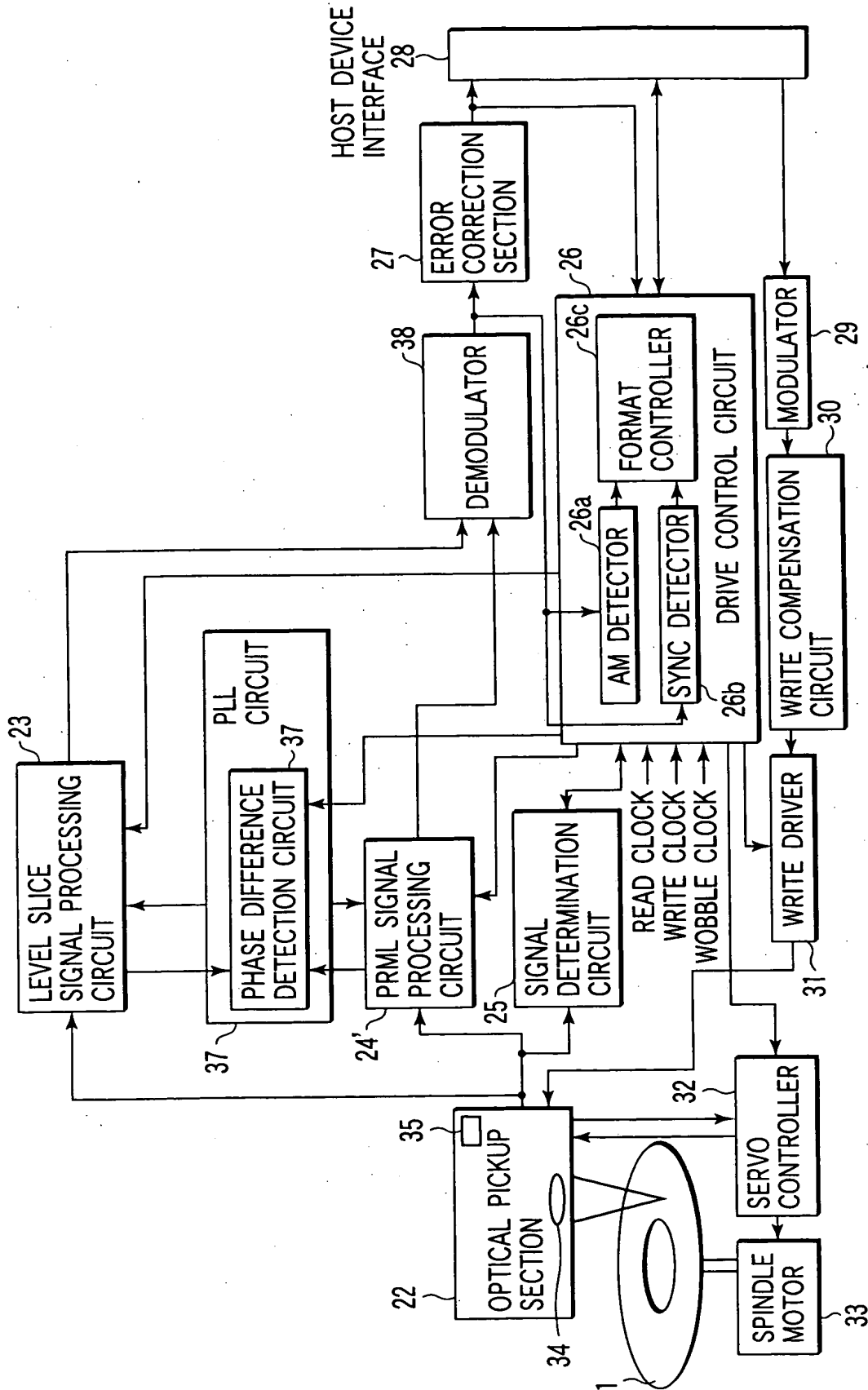


FIG. 26

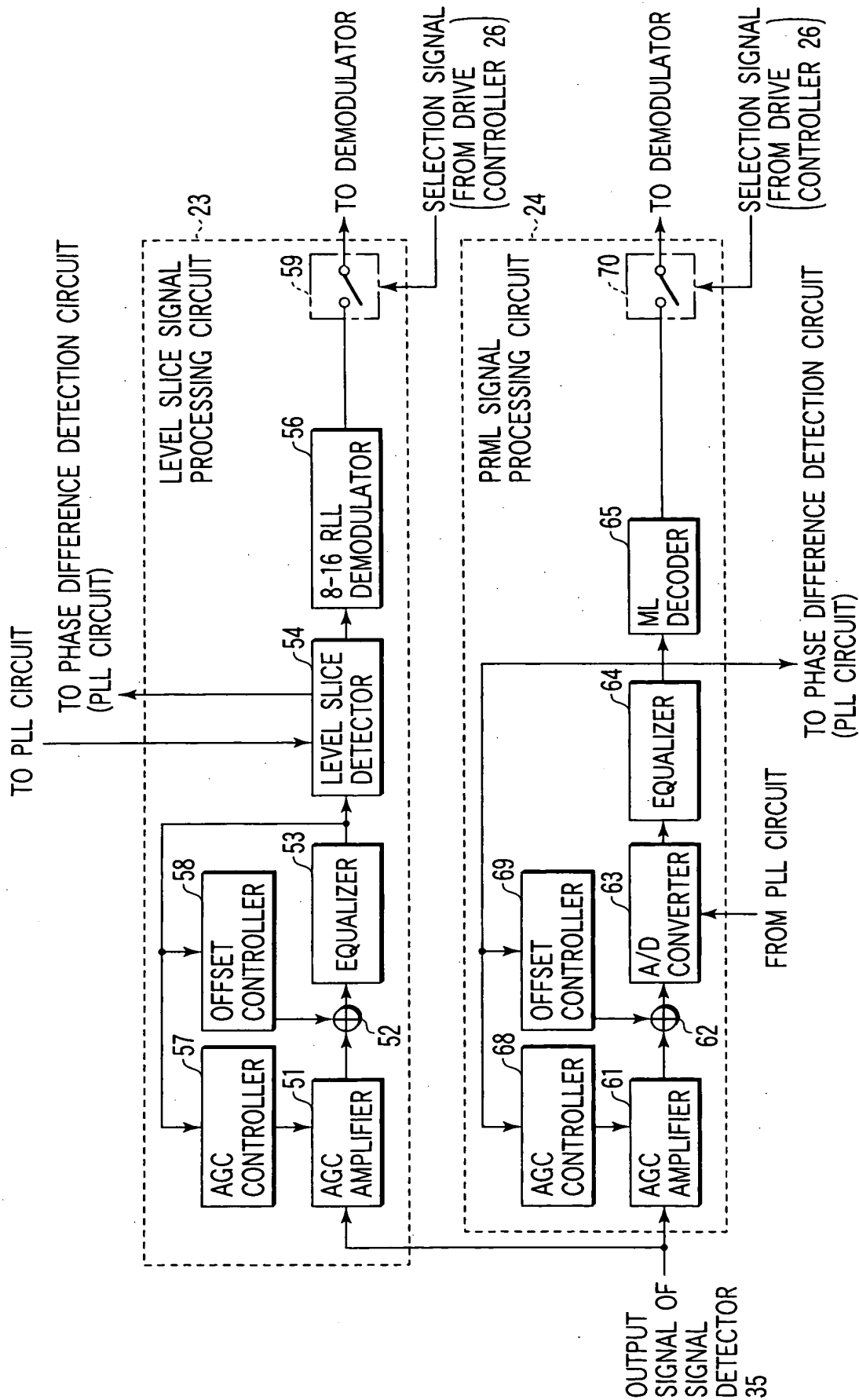


FIG. 27

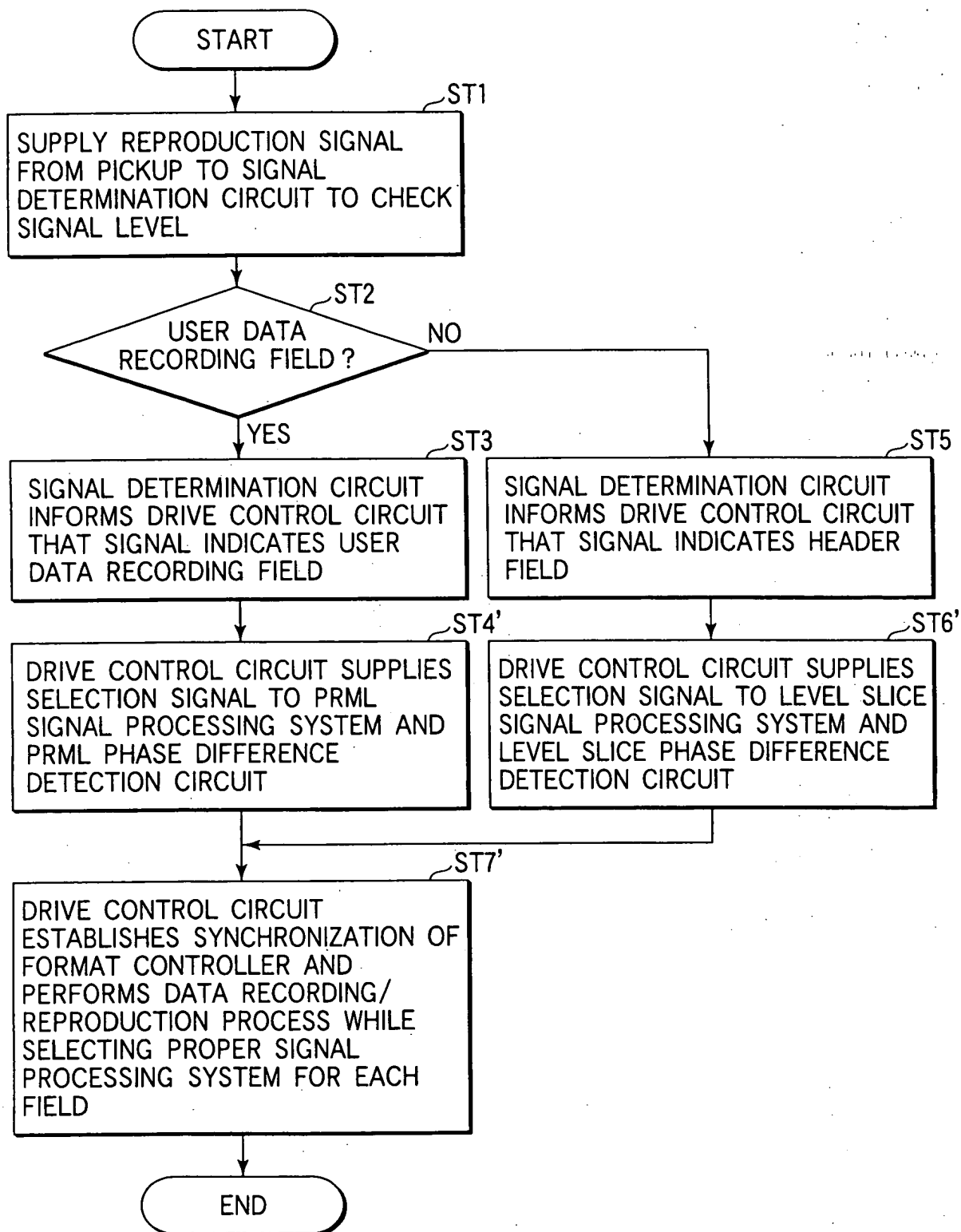


FIG. 28

HEADER FIELD					
VFO1	AM	PID1	IED1	PA1	AM
36	3	4	2	1	3

71

FIG. 29



FIG. 30

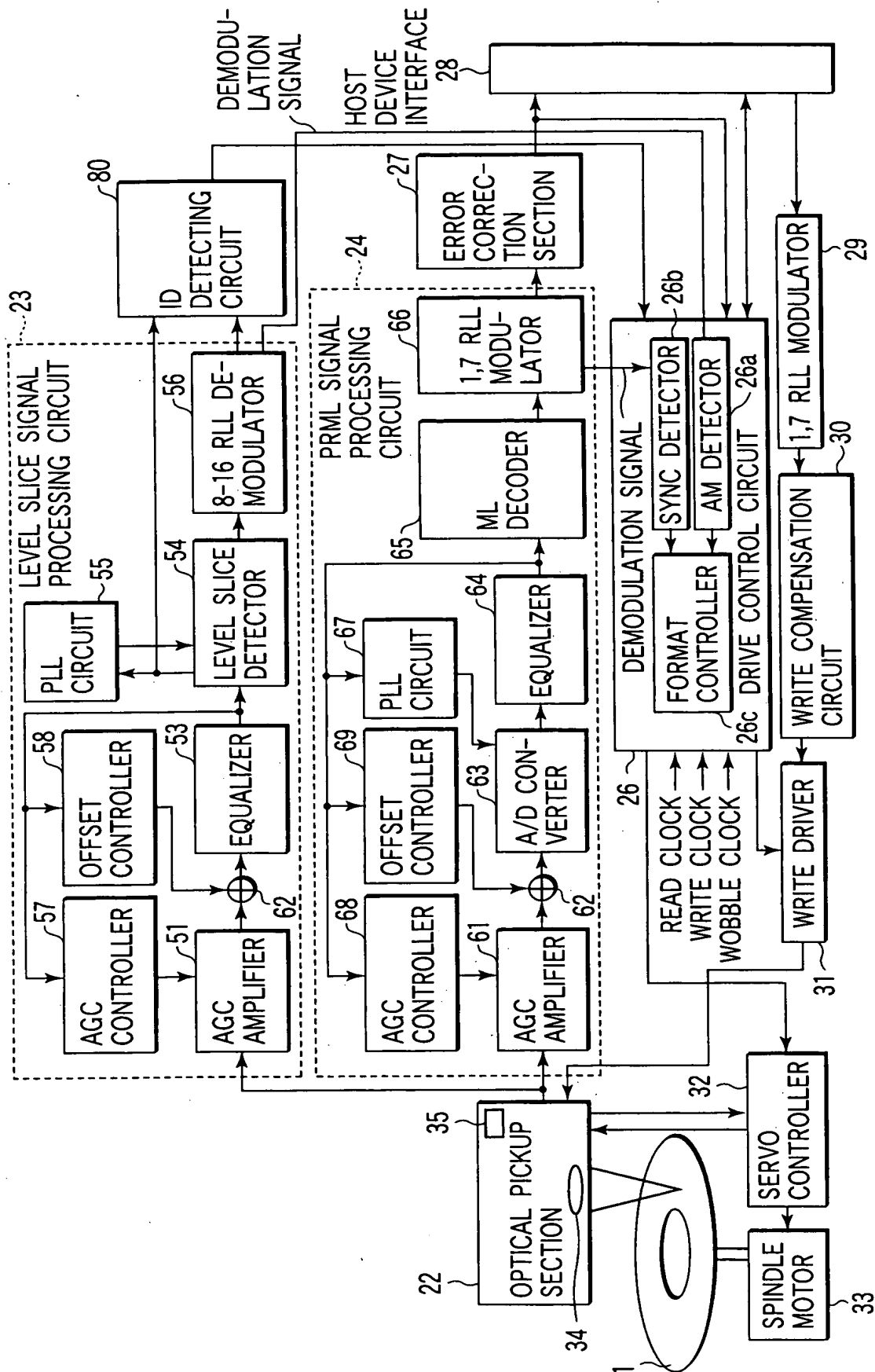


FIG. 31

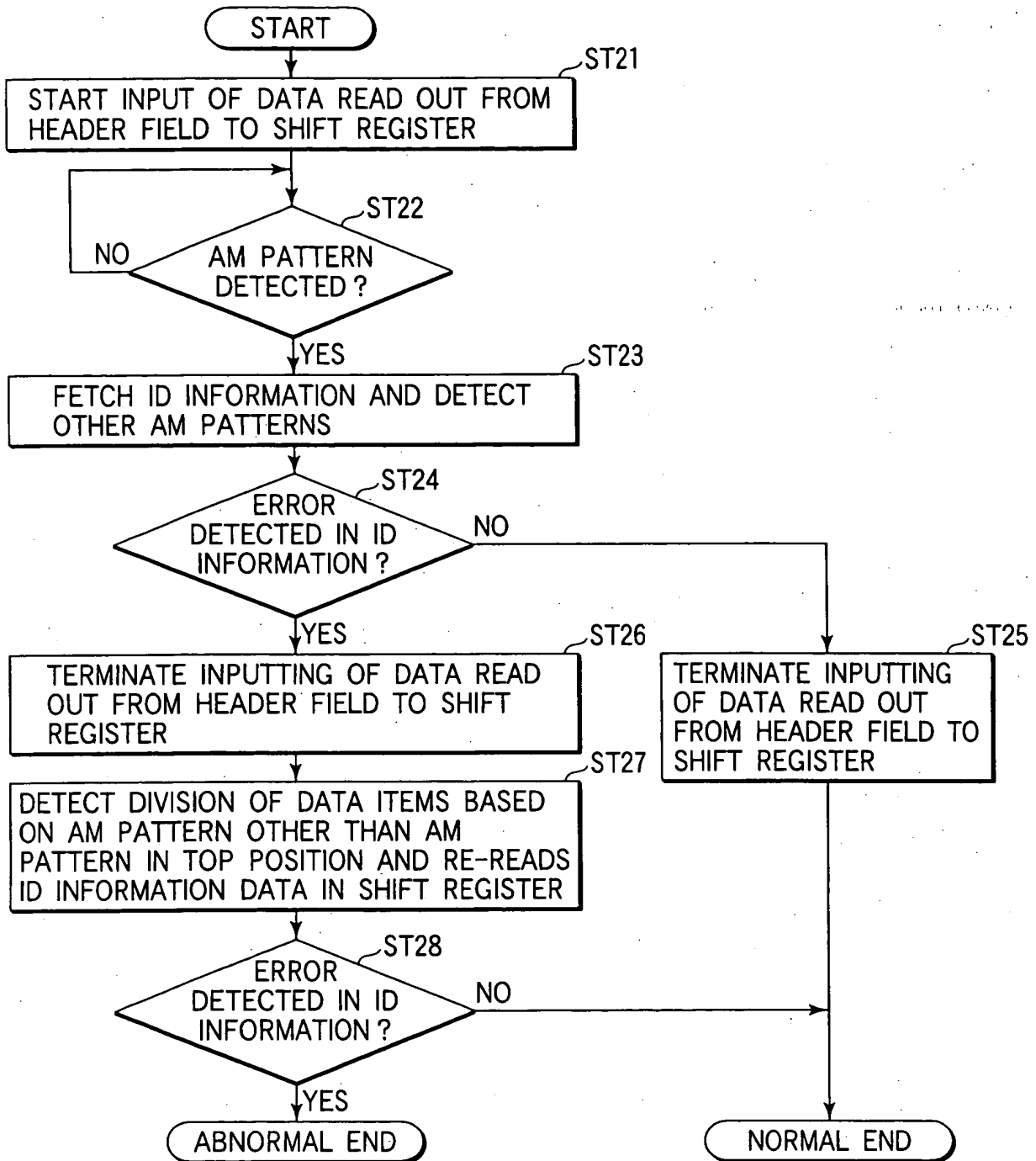
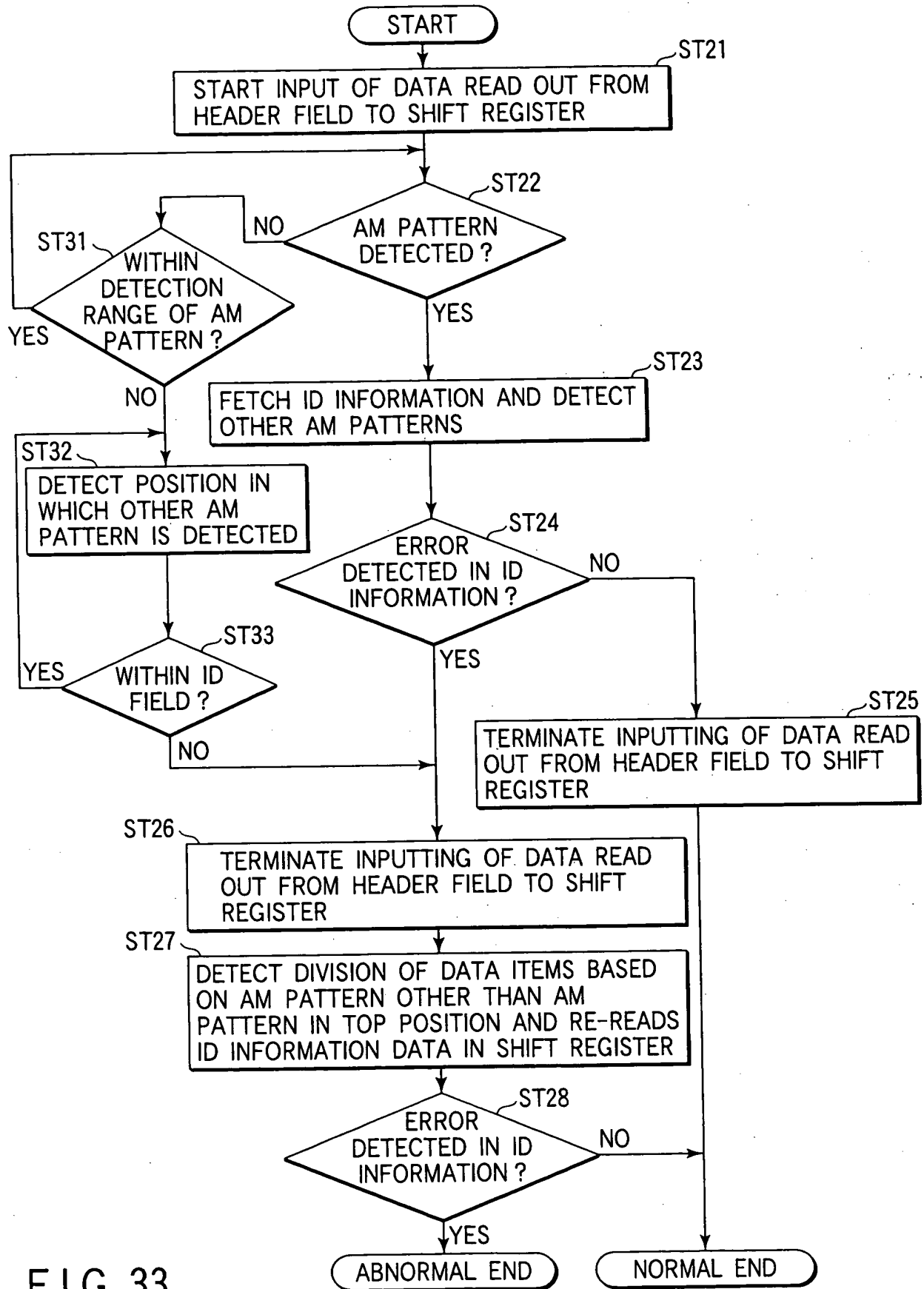


FIG. 32



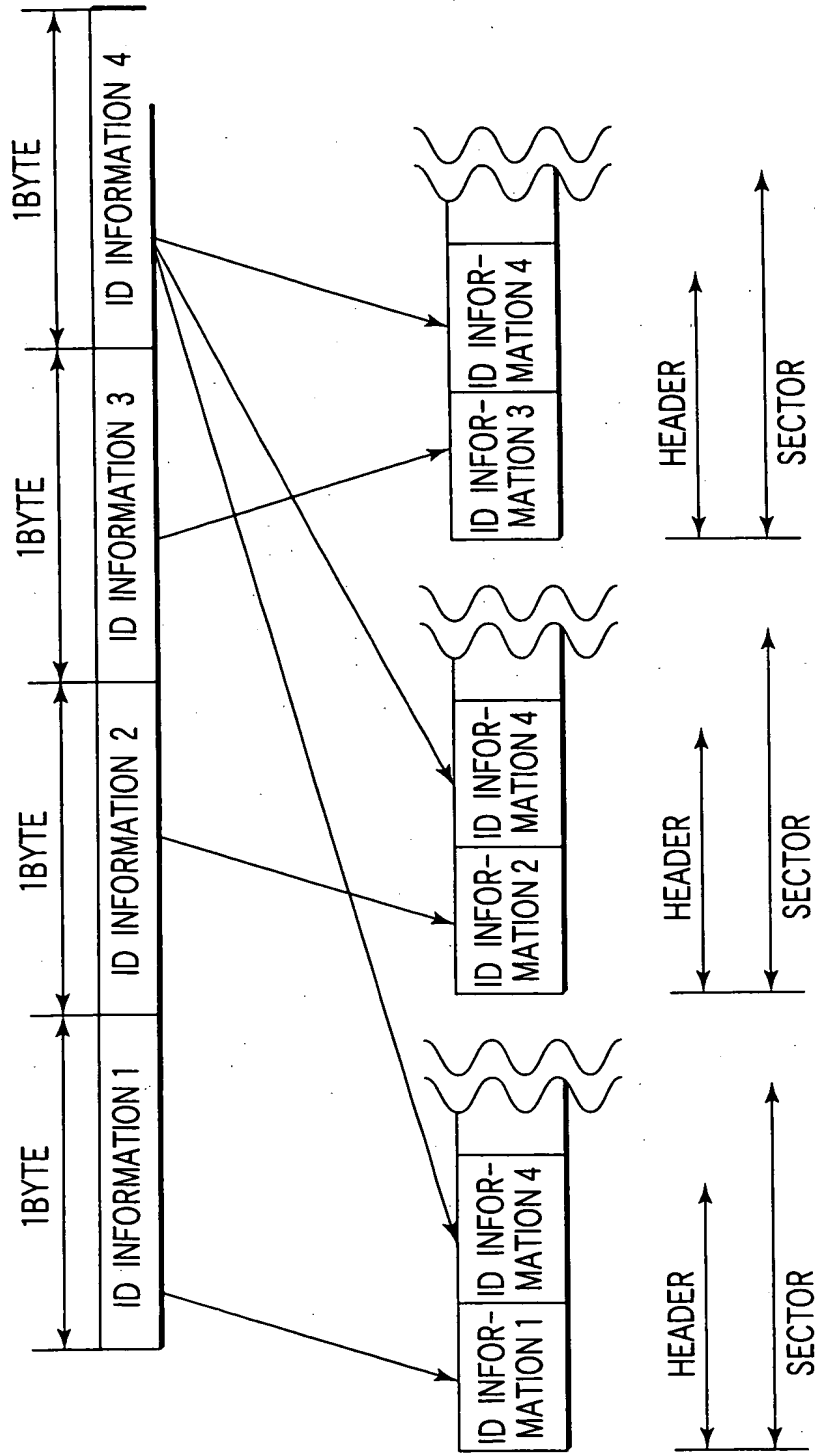


FIG. 34

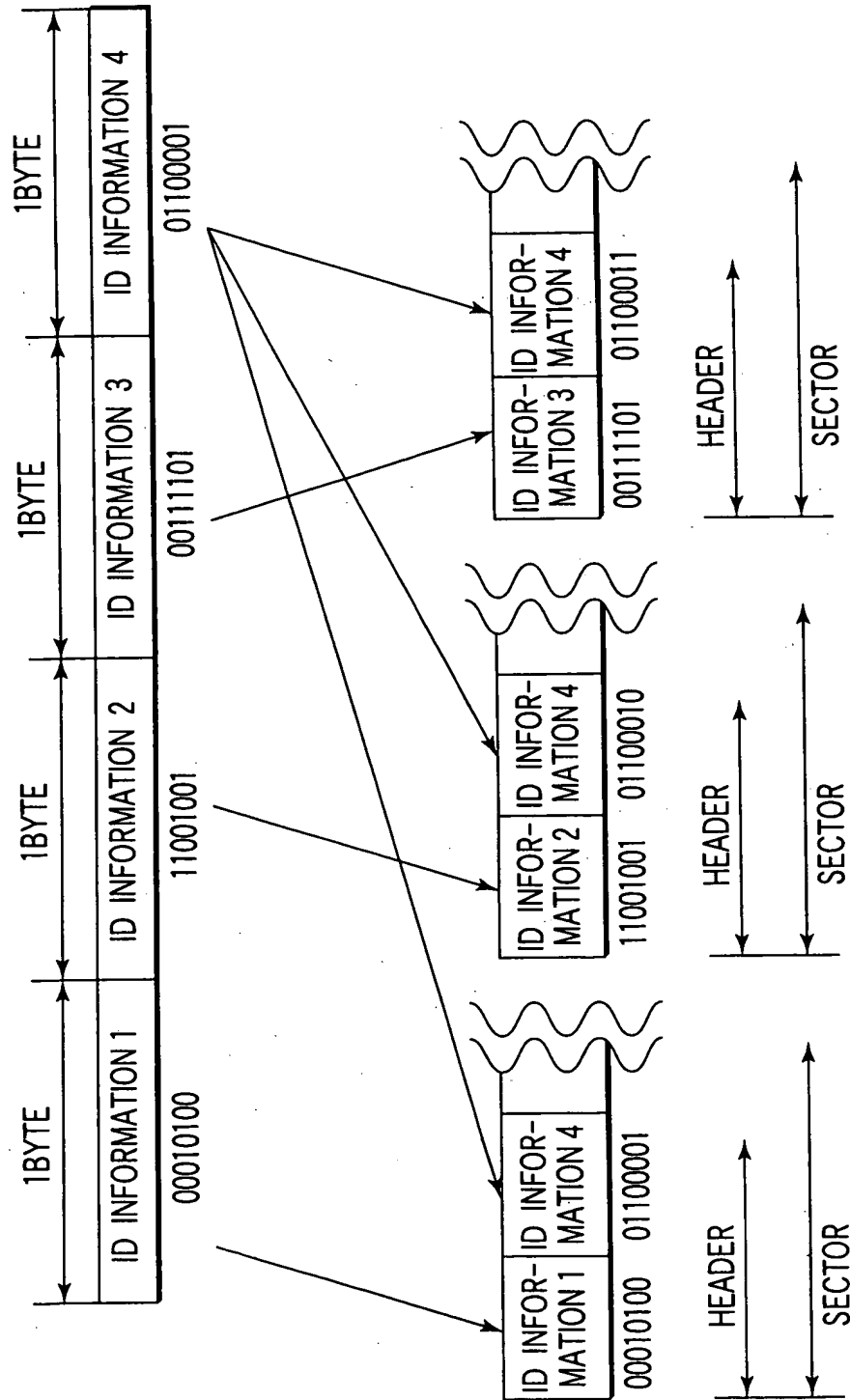


FIG. 35